

PREPARED BY IBM ATTORNEY / PRIVILEGE REVIEW REQUIRED

This e-mail and its attachments, if any, may contain information that is private, confidential, or protected by attorney-client, solicitor-client or other privilege. If you received this e-mail in error, please delete it from your system without copying it and notify me of the misdirection by reply e-mail.

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez
07/10/2003 08:25
Department/Haifa/IBM@IBMIL
Erez/Haifa/IBM@IBMIL

To: jotopper@rcip.co.il
cc: lihiuny@rcip.co.il, HRL IP
From: Suzanne
Subject: applications for
filing.

Hello Jonathan,

Please send me a status of these applications and expected file dates.
PLEASE NOTE THE BAR DATE FOR EMILY'S APPLICATIONS IS EARLY NOVEMBER. We must get these filed in October or we will lose the rights to these inventions.

If there are any problems with inventors, please contact me.

Emily Rab IL9-2003-0038 Inexpensive Reliable Computer Storage via
Heterogeneous Architecture and a Novel Staged Storage Policy

Emily Rab IL9-2003-0036 Continuous on demand Automatic optimization of
business IT infrastructures and processes according to general Business
Objectives (economic considerations)

Emily Rab IL9-2003-0037 Using DICOM Modality Worklist Management for
Image Cache management

Emily Rab IL9-2003-0039 Scalable and Manageable content based Object
Management

Jonathan Topper IL9-2003-0025 Active Monitoring of Dependency Models

Please give me a call if there are any open issues.
thank you
Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories

Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

Inside every older person is a younger person - wondering what the hell happened. Cora Harvey Armstrong ----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez
<jotopper@rcip.co.il> 21/10/2003 09:27
Guy Sharon/Haifa/IBM@IBMIL, Hadas Cohen
Erez/Haifa/IBM@IBMIL
To: "Jonathan Topper"
cc: Asaf Adi/Haifa/IBM@IBMIL,
Bar-Gil/Haifa/IBM@IBMIL
From: Suzanne
Subject: Re: New Filing of
Patent Application in U. S. A. "Active monitoring of dependency
models" - Your Ref: IL-9-
2003-0025 - Our Ref: 145650-8 JJT/lh(Document link: HRL IP
Department (Archive))

Jonathan,

thank you, and we will file this version.

best regards
Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

Inside every older person is a younger person - wondering what the hell happened. Cora Harvey Armstrong

"Jonathan Topper"
<jotopper@rcip.co.il> To: Suzanne
Erez/Haifa/IBM@IBMIL, Hadas Cohen Bar-Gil/Haifa/IBM@IBMIL
.il> cc: Guy
Sharon/Haifa/IBM@IBMIL, Asaf Adi/Haifa/IBM@IBMIL
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring of dependency
models" - Your Ref: IL-9-
21-10-03 01:46 AM
2003-0025 - Our Ref: 145650-8 JJT/lh

Dear Suzanne,

I received a message from Asaf yesterday (Monday) confirming that he has no more comments and explaining two terms (SOAP and MQ) on page 19. I have expanded the description relating to these terms accordingly. Likewise, in the spirit of Guy's comment in his e-mail of October 15, 2003 that mandatory and "N out of M" are just two of many possible dependency types, I have added new claims 8 and 24. Claims 9 and 10 are dependent on new claim 8 (they were previously dependent on claim 1). The same applies to claims 25 and 26 which are now dependent on new claim 24 rather than the main system claim.

The application is now ready for filing.

The attached WINZIP file is password-protected with our usual password. The first sheet of drawings is formatted to IBM's procedural requirements.

Best wishes,

<<1456508.zip>>

Jonathan Topper

REINHOLD COHN PARTNERS

P.O.B. 4060 Tel Aviv, Israel 61040

Direct Tel: +972-2-659-5570

Fax: +972-2-652-9139

E-mail: jotopper@rcip.co.il

Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately.

1456508.zip has been removed from this note on October 21 2003 by Suzanne Erez

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez
<jotopper@rcip.co.il>
03/08/2003 16:10
Department/Haifa/IBM@IBMIL
Erez/Haifa/IBM@IBMIL

To: Jonathan Topper
cc: HRL IP
From: Suzanne
Subject: Re: New Filing of
Patent Application in U. S. A. "Active monitoring of
dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h(Document link:
HRL IP Department (Archive)
)

Jonathan,
I will be out for the next two weeks. Please copy Hadas on all mail.

Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

I have always wished that my computer would be as easy to use as my
telephone. My wish has come true. I no longer know how to use my telephone.
-Bjarne Stroustrup, computer science professor, designer of C++ programming
language (1950-)

Jonathan Topper
<jotopper@rcip.co.il>
Erez/Haifa/IBM@IBMIL

To: Guy Sharon/Haifa/IBM@IBMIL
cc: Suzanne
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring of
dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h

03-08-03 02:33 PM

Dear Guy,

This will briefly confirm our telephone conversation of July 31, 2003 relating to additional information which I feel is required in order to render the description of your invention completely enabling.

1. In the first instance, no description is given of the input. I understand that, according to a preferred embodiment, you provide a GUY which permits a system to be configured graphically. Once this is done, your invention processes the topology of the constructed network and compiles automatically the various dependencies and XML files that are then used by the event "engine".

I do not think that any special description of the manner in which the GUI constructs the topology of the network is required; but I do think that the subsequent processing in order to generate the dependency information in the form of XML files is required.

However, on further reflection, there is another consideration: in your preferred embodiment, the program processes the network topology and outputs various XML files representative of the dependencies and attributes. I assume that this information could be conveyed using other formats and would appreciate your guidance on this.

2. Likewise, a description as to how this is processed by the event "engine" should be given. In general terms, this can be done with the aid of a flow diagram showing the critical steps that are taken. However, I understand this is currently being done by IBM's own event engine called "AMIT". To this extent, we can avoid the need to give a complete description by referring to a publication that describes AMIT in sufficient detail to enable one of average skill in the art to carry out the invention. In other words, it would be sufficient to explain how the XML files are used in general terms by an event engine and then to rely on a prior publication of AMIT to show how the XML files are interfaced with AMIT. Therefore, if a suitable publication exists, kindly send me a copy or a patent number so that I can download it if it is a patent reference.

3. Thirdly, I requested that you give me some brief details as to how the invention is integrated with a real system. Thus, on the one hand, clearly the invention can be used to simulate a business model. However, it can also be used to flag potential problems that might emerge in a running system in real time owing to a fault that occurs in a component thereof. You led me to believe that this is, in fact, fairly standard but some brief explanations as to the integration would be very much appreciated, even if in the end I decide not to include it in the final description.

I look forward to receiving the additional information and, of course, if you have any queries, please do not hesitate to contact me.

Jonathan Topper
REINHOLD COHN PARTNERS
P.O.B. 4060 Tel Aviv, Israel 61040

Direct Tel: +972-2-659-5570
Fax: +972-2-652-9139
E-mail: jotopper@rcip.co.il
Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately.

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

"Jonathan Topper"
<jotopper@rcip.co.il>
To: Guy Sharon/Haifa/IBM@IBMIL
cc: Suzanne
Erez/Haifa/IBM@IBMIL, Hadas Cohen Bar-Gil/Haifa/IBM@IBMIL
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring of dependency
15/10/2003 13:16 models" - Your Ref: IL-9-
2003-0025 - Our Ref: 145650-8 JJT/lh

Dear Guy,

Further to our telephone conversation this morning, I am attaching an updated version of the application showing tracked changes. Please note my tracked changes also to the description and note I have changed some definitions and requested some minor clarifications. I look forward to receiving your answers.

The specification now contains a complete set of claims. Please review and let me have

your comments as soon as possible. Likewise, please advise if you think important claims are missing.

The drawings are basically the same as last time: the only difference being that I labeled Figs. 1 and 2 as "PRIOR ART" since they are shown in US 6,604,093 (the AMIT patent).

The attached WINZIP file is protected using our usual password. If you have forgotten it either ask Hadas or contact me on 053 426 324 or on the number shown below in my autosignature.

Best wishes and Hag Sameach!

<<1456508.zip>>

Jonathan Topper

REINHOLD COHN PARTNERS

P.O.B. 4060 Tel Aviv, Israel 61040

Direct Tel: +972-2-659-5570

Fax: +972-2-652-9139

E-mail: jotopper@rcip.co.il

Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately. (See attached file: 1456508.zip)-----
Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez	To: jotopper@rcip.co.il	
14/09/2003 16:29	cc: HRL	IP
Department/Haifa/IBM@IBMIL	From: Suzanne	
Erez/Haifa/IBM@IBMIL	Subject: IL9-2003-0025	your
Ref: 145650-8 JJT		

Jonathan,
How is this going? Is Guy answering you? Do you need our push?
thanks
Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

If you think that you can think about a thing, inextricably attached to something else, without thinking of the thing it is attached to, then you have a legal mind.

- Thomas Reed Powell----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Hadas Cohen Bar-Gil	To: jotopper@rcip.co.il cc: HRL	IP
Department/Haifa/IBM@IBMIL	24/06/2003 16:45	From: Hadas Cohen Bar-
Gil/Haifa/IBM@IBMIL		Subject: Fw: IBM
Confidential: IL9-2003-0025 - application for drafting		

Hello Jonathan,

Enclosed please find the main idea for the above mentioned disclosure.

Have a nice day,

Hadas Cohen Bar-Gil,
Intellectual Property Coordinator
Business Operations, IBM Labs in Haifa
165 Aba-Hushi Rd. Haifa University
Office: +972-4-829-6145, Fax: +972-4-829-6521/6117
e-mail: hadasb@il.ibm.com

----- Forwarded by Hadas Cohen Bar-Gil/Haifa/IBM on 24/06/2003 16:34 -----
(Embedded image moved to file: pic02203.jpg) HRL IP Department
26/05/2003 10:35

Sent by: Hadas Cohen Bar-Gil

To: ehhausman@rcip.co.il
cc: Suzanne Erez/Haifa/IBM@IBMIL, HRL IP Department/Haifa/IBM@IBMIL
From: HRL IP Department
Subject: IBM Confidential: IL9-2003-0025 & 26 - applications for drafting

Hello Ehud,

Enclosed please find the two applications for drafting:

1. Docket: IL9-2003-0025

Title: Active Monitoring of Dependency Models

Inventors:

Adi Asaf #04-8296455
Gilat Dagan
Etzion Opher
Sharon Guy

Main Idea:

(See attached file: Active Monitoring of Dependency Models.pdf)

If any further information/material is needed, please let me know.

Have a nice day,

Hadas Cohen Bar-Gil,
Intellectual Property Department
Operation Services, IBM HRL
Voice: +972-4-829-6145 Fax: +972-4-829-6521

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez

21/08/2003 12:29

Dagan Gilat/Haifa/IBM@IBMIL, Opher

IP Department/Haifa/IBM@IBMIL

Erez/Haifa/IBM@IBMIL

To: Guy Sharon/Haifa/IBM@IBMIL

cc: Asaf Adi/Haifa/IBM@IBMIL,

Etzion/Haifa/IBM@IBMIL, HRL

From: Suzanne

Subject: Re: Fw: New Filing
of Patent Application in U. S. A. "Active monitoring o f

dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h(Document link:

HRL IP Department (Archive)

)

Guy,

The drafting speed depends on your responsiveness. Please respond ASAP so that we can get this completed and filed in the USPTO.

Thank you.
Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

Authority without wisdom is like a heavy axe without an edge: fitter to bruise than polish. -Anne Bradstreet, poet (1612-1672)

Guy Sharon
To: Suzanne
Erez/Haifa/IBM@IBMIL
21-08-03 11:35 AM
cc:
From: Guy Sharon/Haifa/IBM@IBMIL
Subject: Re: Fw: New Filing
of Patent Application in U. S. A. "Active monitoring o f
dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h(Document link:
Suzanne Erez)

Hi Suzanne,

The response is written - I am waiting for the co-authors to return their review.

Guy Sharon
Active Technologies Department
IBM Research and Development Laboratories in Israel
Phone: (972)-3-6401617
Haifa: (972)-4-8296540

Suzanne Erez

To: Guy Sharon/Haifa/IBM@IBMIL

21/08/2003 11:21 cc: HRL IP
Department/Haifa/IBM@IBMIL
From: Suzanne
Erez/Haifa/IBM@IBMIL
Subject: Fw: New Filing of
Patent Application in U. S. A. "Active monitoring o f
dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h

Hello Guy,
Have you answered Jonathan?

Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

Authority without wisdom is like a heavy axe without an edge: fitter to
bruise than polish. -Anne Bradstreet, poet (1612-1672)
----- Forwarded by Suzanne Erez/Haifa/IBM on 21-08-03 11:21 AM -----

Jonathan Topper
<jotopper@rcip.co.il> To: Guy Sharon/Haifa/IBM@IBMIL
cc: Suzanne
Erez/Haifa/IBM@IBMIL
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring o f
03-08-03 02:33 PM dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h

Dear Guy,

This will briefly confirm our telephone conversation of July 31, 2003
relating to additional information which I feel is required in order to
render the description of your invention completely enabling.

1. In the first instance, no description is given of the input. I
understand that, according to a preferred embodiment, you provide a GUY
which permits a system to be configured graphically. Once this is done,
your invention processes the topology of the constructed network and
compiles automatically the various dependencies and XML files that are then
used by the event "engine".

I do not think that any special description of the manner in which the GUI constructs the topology of the network is required; but I do think that the subsequent processing in order to generate the dependency information in the form of XML files is required.

However, on further reflection, there is another consideration: in your preferred embodiment, the program processes the network topology and outputs various XML files representative of the dependencies and attributes. I assume that this information could be conveyed using other formats and would appreciate your guidance on this.

2. Likewise, a description as to how this is processed by the event "engine" should be given. In general terms, this can be done with the aid of a flow diagram showing the critical steps that are taken. However, I understand this is currently being done by IBM's own event engine called "AMIT". To this extent, we can avoid the need to give a complete description by referring to a publication that describes AMIT in sufficient detail to enable one of average skill in the art to carry out the invention. In other words, it would be sufficient to explain how the XML files are used in general terms by an event engine and then to rely on a prior publication of AMIT to show how the XML files are interfaced with AMIT. Therefore, if a suitable publication exists, kindly send me a copy or a patent number so that I can download it if it is a patent reference.

3. Thirdly, I requested that you give me some brief details as to how the invention is integrated with a real system. Thus, on the one hand, clearly the invention can be used to simulate a business model. However, it can also be used to flag potential problems that might emerge in a running system in real time owing to a fault that occurs in a component thereof. You led me to believe that this is, in fact, fairly standard but some brief explanations as to the integration would be very much appreciated, even if in the end I decide not to include it in the final description.

I look forward to receiving the additional information and, of course, if you have any queries, please do not hesitate to contact me.

Jonathan Topper
REINHOLD COHN PARTNERS
P.O.B. 4060 Tel Aviv, Israel 61040
Direct Tel: +972-2-659-5570
Fax: +972-2-652-9139
E-mail: jotopper@rcip.co.il
Website: <http://www.rcip.co.il/>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately.

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez
Department/Haifa/IBM@IBMIL
15/09/2003 08:53
Erez/Haifa/IBM@IBMIL
your Ref: 145650-8 JJT

To: HRL IP
cc:
From: Suzanne
Subject: Fw: IL9-2003-0025

jonathan topper's reply

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

If you think that you can think about a thing, inextricably attached to something else, without thinking of the thing it is attached to, then you have a legal mind.

- Thomas Reed Powell

----- Forwarded by Suzanne Erez/Haifa/IBM on 15-09-03 09:53 AM -----

Erez/Haifa/IBM@IBMIL
your Ref: 145650-8 JJT

"Jonathan Topper"
<jotopper@rcip.co.il>
15-09-03 10:48 AM

To: Suzanne
cc:
Subject: RE: IL9-2003-0025

The delay is at my end, but you will have a first draft this week.

-----Original Message-----

From: Suzanne Erez [mailto:SUZANNE@il.ibm.com]
Sent: Sunday, September 14, 2003 4:29 PM
To: Jonathan Topper
Cc: HRL IP Department
Subject: IL9-2003-0025 your Ref: 145650-8 JJT

Jonathan,
How is this going? Is Guy answering you? Do you need our push? thanks
Suzanne
Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

If you think that you can think about a thing, inextricably attached to something else, without thinking of the thing it is attached to, then you have a legal mind.
- Thomas Reed Powell

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

"Jonathan Topper"
<jotopper@rcip.co.il> To: Suzanne
Erez/Haifa/IBM@IBMIL, Hadas Cohen Bar-Gil/Haifa/IBM@IBMIL
Sharon/Haifa/IBM@IBMIL, Asaf Adi/Haifa/IBM@IBMIL cc: Guy
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring of dependency
21/10/2003 01:46 models" - Your Ref: IL-9-
2003-0025 - Our Ref: 145650-8 JJT/lh

Dear Suzanne,

I received a message from Asaf yesterday (Monday) confirming that he has no more comments and explaining two terms (SOAP and MQ) on page 19. I have expanded the description relating to these terms accordingly. Likewise, in the spirit of Guy's comment in his e-mail of October 15, 2003 that mandatory and "N out of M" are just two of many possible dependency types, I have added new claims 8 and 24. Claims 9 and 10 are dependent on new claim 8 (they were previously dependent on claim 1). The same applies to claims 25 and 26 which are now dependent on new claim 24 rather than the main system claim.

The application is now ready for filing.

The attached WINZIP file is password-protected with our usual password. The first sheet of drawings is formatted to IBM's procedural requirements.

Best wishes,

<<1456508.zip>>

Jonathan Topper

REINHOLD COHN PARTNERS

P.O.B. 4060 Tel Aviv, Israel 61040

Direct Tel: +972-2-659-5570

Fax: +972-2-652-9139

E-mail: jotopper@rcip.co.il

Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately. (See attached file: 1456508.zip)-----
Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Asaf Adi

20/10/2003 16:20 To: jotopper@rcip.co.il
cc: Guy
Sharon/Haifa/IBM@IBMIL, Dagan Gilat/Haifa/IBM@IBMIL, Hadas Cohen
Bar-Gil/Haifa/IBM@IBMIL
From: Asaf Adi/Haifa/IBM@IBMIL
Subject: Patent IL1456508

Jonathan,

I'm replying to your note per Hadas's request and because Guy is aboard.

Guy and I have reviewed the documents and we have no additional comments.

About your questions:

Page 18 - XML (Extensible Markup Language - <http://www.w3.org/XML/>) Flat
(e.g. text files where data is separated by spaces or commas) and SOAP

(Simple Object Access Protocol - <http://www.w3.org/TR/SOAP/>) are some standards / methods to represent data, including event information. Page 19 - MQ is IBM's messaging software (<http://www-3.ibm.com/software/integration/wmq/>). It is used to transfer messages (including events) from one application/computer to others.

Regards,

Asaf Adi
IBM Research Lab in Haifa
Haifa University, Mount Carmel, Haifa 31905
e-mail: adi@il.ibm.com, Tel: +972 4 8296455, Fax: +972 4 8296116

----- Forwarded by Asaf Adi/Haifa/IBM on 20/10/03 16:10 -----

Dagan Gilat/Haifa/IBM@IBMIL 15/10/03 14:29	Guy Sharon To: Asaf Adi/Haifa/IBM@IBMIL, cc: From: Guy Sharon/Haifa/IBM@IBMIL Subject: *IBM Confidential:
---	---

RuleML presentation in IBM's template

Dear Guy,

Further to our telephone conversation this morning, I am attaching an updated version of the application showing tracked changes. Please note my tracked changes also to the description and note I have changed some definitions and requested some minor clarifications. I look forward to receiving your answers.

The specification now contains a complete set of claims. Please review and let me have

your comments as soon as possible. Likewise, please advise if you think important claims are missing.

The drawings are basically the same as last time: the only difference being that I labeled Figs. 1 and 2 as "PRIOR ART" since they are shown in US 6,604,093 (the AMIT patent).

The attached WINZIP file is protected using our usual password. If you have forgotten it either ask Hadas or contact me on 053 426 324 or on the number shown below in my autosignature.

Best wishes and Hag Sameach!

<<1456508.zip>>

Jonathan Topper

REINHOLD COHN PARTNERS

P.O.B. 4060 Tel Aviv, Israel 61040

Direct Tel: +972-2-659-5570

Fax: +972-2-652-9139

E-mail: jotopper@rcip.co.il

Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately.

Guy Sharon
Active Technologies Department
IBM Research and Development Laboratories in Israel
Phone: (972)-3-6401617
Haifa: (972)-4-8296540

Inference of Reactive Rules From Dependency Models2.ppt has been removed from this note on October 20, 2003 by Asaf Adi
1456508.zip has been removed from this note on October 20, 2003 by Asaf Adi

Inference of Reactive Rules From Dependency Models2.ppt has been removed from this note on October 20, 2003 by Asaf Adi
1456508.zip has been removed from this note on October 20, 2003 by Asaf Adi----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Suzanne Erez

Department/Haifa/IBM@IBMIL

21/09/2003 07:58

Erez/Haifa/IBM@IBMIL

To: HRL

IP

cc:

From: Suzanne

Subject: Fw: New Filing of
Patent Application in U. S. A. "Active monitoring of dependency
models" - Your Ref: IL-9-
2003-0025 - Our Ref: 145650-8 JJT/lh

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

If you think that you can think about a thing, inextricably attached to something else, without thinking of the thing it is attached to, then you have a legal mind.

- Thomas Reed Powell

----- Forwarded by Suzanne Erez/Haifa/IBM on 21-09-03 08:58 AM -----

"Jonathan Topper"
<jotopper@rcip.co.il> To: Guy Sharon/Haifa/IBM@IBMIL
cc: Suzanne
Erez/Haifa/IBM@IBMIL
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring of dependency
models" - Your Ref: IL-9-
21-09-03 12:47 AM
2003-0025 - Our Ref: 145650-8 JJT/lh

Dear Guy and Suzanne,

I am sorry that this first draft has taken so long: the truth is that I have struggled and this has caused delays.

I am attaching a partial draft: "partial" in the sense that we need to add claims and I prefer to discuss this with Guy so that we can do this "interactively" over the telephone (I have found this an effective technique in the past).

Since the invention requires - but need not include - a situation awareness unit (such as AMIT) and models business components using syntax that must be conformed to the situation awareness unit being used, this requires some description of the basic syntax used by AMIT. I have basically copied the relevant description from your earlier application USSN 09/473,205 (when

incidentally was it filed?). Specifically, Figs. 1 and 2 are lifted from that application as well as most of the accompanying description. I am not at all sure whether the description is completely enabling without a further description of AMIT: I leave this to you to advise. I would ideally have liked to refer to a publication describing AMIT; but failing this - and bearing in mind that USSN 09/473,205 has not yet been published - I am constrained to describing as much about AMIT at least to allow the requisite interfacing with the modeling system of the invention. I repeat that I am by no means satisfied that I have included just sufficient to enable one of average skill in the relevant arts to be able to carry out the invention.

My text includes various questions that require Guy's further input: these are identified by the word [GUY: ..] in red script. I await your answers.

I hope that you find the script readable and logically developed. You may prefer to move sections around and if you wish to make amendments, then I would much prefer you to make the necessary changes (if possible using Microsoft Word's revision tracking). This is much easier for me than sending a long list of requested amendments!

I await your comments and clarifications.

<<1456508.zip>>

Jonathan Topper

REINHOLD COHN PARTNERS

P.O.B. 4060 Tel Aviv, Israel 61040

Tel: +972-2-651 8880 ext. 111

Fax: +972-2-652 3336

E-mail: jotopper@rcip.co.il

Website: <http://www.rcip.co.il/>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any

attachment and contact us immediately.[attachment "1456508.zip" deleted by
Suzanne Erez/Haifa/IBM] ----- Forwarded by Udi Einhorn/Haifa/IBM on
26/07/2010 15:47 -----

Suzanne Erez
21/08/2003 11:21
Department/Haifa/IBM@IBMIL
Erez/Haifa/IBM@IBMIL
To: Guy Sharon/Haifa/IBM@IBMIL
cc: HRL IP
From: Suzanne
Subject: Fw: New Filing of
Patent Application in U. S. A. "Active monitoring o f
dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h

Hello Guy,
Have you answered Jonathan?

Suzanne

Suzanne Erez
IP Department
IBM Haifa Laboratories
Tel: 972-4-829-6069 Fax: 972-4-829-6521
suzanne@il.ibm.com

Authority without wisdom is like a heavy axe without an edge: fitter to
bruise than polish. -Anne Bradstreet, poet (1612-1672)
----- Forwarded by Suzanne Erez/Haifa/IBM on 21-08-03 11:21 AM -----

Jonathan Topper
<jotopper@rcip.co.il>
Erez/Haifa/IBM@IBMIL
To: Guy Sharon/Haifa/IBM@IBMIL
cc: Suzanne
Subject: New Filing of Patent
Application in U. S. A. "Active monitoring o f
03-08-03 02:33 PM dependency models" - Your
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1 h

Dear Guy,

This will briefly confirm our telephone conversation of July 31, 2003
relating to additional information which I feel is required in order to
render the description of your invention completely enabling.

1. In the first instance, no description is given of the input. I understand that, according to a preferred embodiment, you provide a GUY which permits a system to be configured graphically. Once this is done, your invention processes the topology of the constructed network and compiles automatically the various dependencies and XML files that are then used by the event "engine".

I do not think that any special description of the manner in which the GUI constructs the topology of the network is required; but I do think that the subsequent processing in order to generate the dependency information in the form of XML files is required.

However, on further reflection, there is another consideration: in your preferred embodiment, the program processes the network topology and outputs various XML files representative of the dependencies and attributes. I assume that this information could be conveyed using other formats and would appreciate your guidance on this.

2. Likewise, a description as to how this is processed by the event "engine" should be given. In general terms, this can be done with the aid of a flow diagram showing the critical steps that are taken. However, I understand this is currently being done by IBM's own event engine called "AMIT". To this extent, we can avoid the need to give a complete description by referring to a publication that describes AMIT in sufficient detail to enable one of average skill in the art to carry out the invention. In other words, it would be sufficient to explain how the XML files are used in general terms by an event engine and then to rely on a prior publication of AMIT to show how the XML files are interfaced with AMIT. Therefore, if a suitable publication exists, kindly send me a copy or a patent number so that I can download it if it is a patent reference.

3. Thirdly, I requested that you give me some brief details as to how the invention is integrated with a real system. Thus, on the one hand, clearly the invention can be used to simulate a business model. However, it can also be used to flag potential problems that might emerge in a running system in real time owing to a fault that occurs in a component thereof. You led me to believe that this is, in fact, fairly standard but some brief explanations as to the integration would be very much appreciated, even if in the end I decide not to include it in the final description.

I look forward to receiving the additional information and, of course, if you have any queries, please do not hesitate to contact me.

Jonathan Topper
REINHOLD COHN PARTNERS
P.O.B. 4060 Tel Aviv, Israel 61040
Direct Tel: +972-2-659-5570
Fax: +972-2-652-9139
E-mail: jotopper@rcip.co.il

Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee. If you have received it in error please destroy the message and any attachment and contact us immediately.

----- Forwarded by Udi Einhorn/Haifa/IBM on 26/07/2010 15:47 -----

Jonathan Topper
<jotopper@rcip.co.il>

To: Guy Sharon/Haifa/IBM@IBMIL
cc: Suzanne

Erez/Haifa/IBM@IBMIL

Application in U. S. A. "ACTIVE MONITORING O
02/07/2003 19:39
Ref: IL-9-2003-0025 - Our Ref: 145650-8 JJT/1

Subject: New Filing of Patent
F
DEPENDENCY MODELS" - Your
h

Dear Guy,

As you know I am handling your application and I am attaching US 2002/0138571, which appears to have some bearing on the general subject matter of your invention. There are, to be sure, features of your invention that are not shown in this published patent application but I would appreciate your briefly reviewing it and letting me know whether it is relevant - even if only by way of background.

I am out of the office until Monday, July 7 but await your e-mail reply with interest.

Regards,

<<US22138571.pdf>>

Jonathan Topper
REINHOLD COHN PARTNERS
P.O.B. 4060 Tel Aviv, Israel 61040
Direct Tel: +972-2-659-5570
Fax: +972-2-652-9139
E-mail: jotopper@rcip.co.il
Website: <<http://www.rcip.co.il/>>

Announcement of Confidentiality

This e-mail message, as well as any attached document, is confidential and may be privileged. It may be read, copied and used only by the addressee.

If you have received it in error please destroy the message and any attachment and contact us immediately.

[attachment "US22138571.pdf" deleted by Suzanne Erez/Haifa/IBM]